

**TO: Suborbital Science Program**  
**NASA Headquarters**  
**Mail Suite 3F71**  
**Attn: Randy Albertson**

**FAX: (202) 358-2770**  
**Voice: (202) 358-7212**

## **Flight Report**

<b>Aircraft :</b>	Kenn Borek Air DC-3T Basler
<b>Operating Site(s) From / To :</b>	Concordia/Casey Skiway
<b>Flight Date :</b>	December 28, 2009 (AEDT)
<b>Flight Number / Data Flight # :</b>	F29 / 26
<b>Time out:</b>	<b>0345 UTC</b>
<b>Time in:</b>	<b>0909 UTC</b>
<b>Flight Time :</b>	5.6 hrs
<b>Flt Request # / PI:</b>	NASA 20090602-084128 (Blankenship)
<b>Purpose of Flight :</b>	<b>Data [X] Ferry [ ] Functional Check [ ] Other [ ]</b>
<b>Sensor Payload :</b>	University of Texas at Austin HiCARS ice penetrating radar; UT Reigl LD-90 laser distance meter; UT Geometrics 823-A magnetometer; USAF Sigma Space photon counting lidar, NGA BGM-3 gravity meter
<b>Comments :</b>	The aircraft flew on its tenth survey flight over the Aurora Subglacial Trench region. The primary targets were icesat tracks 315 and 92 over Totten Glacier  All systems performed excellently.

**SUBMITTED BY: Duncan Young      30 December 2009**